MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

OCTOBER, 1928

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

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OCTOBER 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	759.4	758.0	758.1	758.5	30.4	24.4		10.4	
2	8.5	7.4	7.7	7.9	30.2	24.5		8.6	
3	8.4	7.4	7.6	7.8	30.9	24.2		10.2	
4	7.5	6.9	8.0	7.5	30.8	23.8		10.2	
5	9.7	9.9	760.7	760.1	29.9	22.3		9.0	0.76
6	761.4	760.2	760.9	760.8	28.2	20.2		10.4	
7	0.9	0.1	0.5	0.5	26.6	18.9		10.5	
8	1.2	0.8	2.4	1.5	26.8	16.1		9.3	
9	2.8	1.7	1.7	2.1	27.1	18.9		9.4	
10	1.0	759.8	1.3	0.7	26.8	17.9		8.5	5.47
11	762.4	761.7	761.8	762.0	26.9	17.9		9.8	
12	0.2	759.8	759.8	759.9	26.3	19.6		6.5	
13	1.4	761.2	762.4	761.7	29.4	17.2		9.8	4.45
14	2.0	0.5	759.9	0.8	25.8	19.3		10.0	
15	1.6	1.0	762.3	1.6	26.4	20.4		10.1	
16	764.4	764.3	765.0	764.6	27.7	20.6		10.5	
17	5.4	3.1	4.3	4.3	26.9	20.3		10.1	
18	3.5	2.3	2.8	2.9	27.1	21.3		9.9	
19	3.2	2.0	3.3	2.8	26.0	19.9		9.2	
20	4.3	3.0	2.7	3.3	26.0	20.3		9.8	
21	762.3	760.4	760.8	761.2	26.4	20.2		9.7	
22	1.1	759.7	0.8	0.5	27.1	20.2		9.3	
23	1.2	760.5	1.4	1.0	28.3	19.8		10.4	
24	3.1	2.7	3.1	3.0	27.1	19.9		10.4	
25	3.0	1.5	1.7	2.1	27.9	19.8		10.2	
26	760.3	758.5	758.3	759.0	26.7	19.9		10.1	
27	758.4	7.6	9.0	8.3	27.5	19.7		10.0	
28	9.9	9.2	760.6	9.9	26.7	19.7		10.1	
29	762.1	761.8	762.3	762.1	25.3	19.4		10.0	
30	2.0	0.7	1.2	1.3	25.4	19.4		9.0	
31	0.3	759.2	0.4	0.0	24.8	19.8		8.5	
	761.38	760.42	761.06	760.96	27.40	19.86		9.64	0.34

BAROMETER

Maximum 765.4 on 17th

Minimum 756.9 on 4th

THERMOMETER

Maximum 30.9 on 3rd

Minimum 16.1 on 8th

RAINFALL

Maximum 5.47 on 10th

Number of days with rain 3, fog 0, thunderstorms 0, gales 0

OCTOBER 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	27.1	29.4	26.6	27.7	23.3	24.9	24.4	18.2	19.7	20.8	19.6	69	64	80	71
2	27.9	30.3	26.7	28.3	24.7	25.9	24.9	20.3	20.5	21.9	20.9	63	64	85	74
3	27.7	29.6	26.7	28.0	24.8	25.2	24.0	20.4	20.3	19.9	20.2	71	65	76	71
4	27.7	29.2	25.1	27.3	24.2	23.7	20.7	19.5	17.6	15.0	17.4	71	58	64	64
5	26.2	26.7	23.9	25.6	19.7	19.6	17.1	12.9	12.5	10.6	12.0	50	48	48	49
6	24.6	25.9	22.4	24.3	20.7	18.1	16.0	15.0	10.9	10.2	12.0	67	45	51	54
7	23.8	26.2	23.3	24.4	17.0	18.3	16.7	10.6	11.0	10.4	10.6	48	44	48	47
8	25.2	25.8	22.8	24.6	18.2	17.9	17.1	11.4	10.8	11.1	11.1	48	44	53	48
9	24.7	26.0	21.4	24.0	18.1	18.9	17.2	11.5	12.0	11.9	11.8	50	48	63	54
10	21.8	26.3	23.3	23.8	19.1	21.4	19.1	14.5	15.4	13.6	14.5	74	60	64	66
11	24.7	25.9	21.1	23.9	19.2	19.1	17.7	12.9	12.2	12.1	12.4	56	49	65	57
12	24.2	24.2	22.2	23.5	18.2	19.3	17.9	11.8	13.1	12.4	12.4	52	57	62	57
13	23.6	24.8	21.3	23.2	19.1	19.8	16.0	13.4	13.8	10.5	12.6	62	59	56	59
14	24.1	25.7	22.1	24.0	19.3	19.7	19.9	13.4	13.3	15.6	14.1	60	54	79	64
15	24.9	27.4	23.3	25.2	19.6	21.7	20.4	13.4	15.2	15.6	14.7	58	55	73	62
16	25.2	26.3	23.3	24.9	20.6	21.5	20.1	14.7	15.6	15.1	15.1	61	61	70	64
17	24.8	25.8	21.8	24.1	19.6	21.8	19.4	13.4	16.4	14.9	14.9	58	66	77	67
18	24.8	25.3	24.7	24.9	20.9	20.1	18.3	15.6	13.9	11.7	13.7	68	57	51	59
19	23.3	24.8	22.8	23.6	18.6	17.7	16.8	12.9	10.9	10.8	11.5	60	47	52	53
20	24.3	24.5	20.9	23.2	17.9	19.3	19.1	11.5	13.2	13.2	12.6	51	58	59	56
21	24.4	25.6	23.7	24.6	18.9	20.7	19.9	12.7	14.7	14.6	14.0	55	60	67	61
22	24.8	28.1	23.3	25.4	19.6	17.6	19.0	13.5	9.3	13.7	12.2	58	35	63	52
23	24.1	25.6	21.0	23.6	19.0	20.5	17.7	13.0	14.3	12.9	13.4	58	58	70	62
24	25.2	26.2	21.7	24.4	17.6	19.7	17.6	10.6	12.9	12.3	11.9	44	51	64	53
25	24.1	25.2	23.9	24.4	17.3	19.4	18.6	10.8	13.0	12.6	12.1	49	55	57	54
26	24.2	25.8	22.4	24.1	15.7	20.2	19.5	8.9	13.9	14.4	12.4	40	56	69	55
27	24.5	25.6	21.1	23.7	17.7	19.8	18.2	11.0	13.4	13.6	12.7	48	54	72	58
28	24.0	24.8	22.3	23.7	18.7	20.2	18.2	12.8	14.4	12.8	13.3	57	62	64	63
29	23.9	24.3	22.2	23.5	18.8	18.6	19.0	12.8	12.4	14.1	13.1	57	55	70	60
30	23.0	23.8	21.0	22.6	19.4	19.2	18.3	14.2	13.4	13.7	13.8	70	60	74	68
31	24.0	27.1	23.3	24.8	20.6	20.1	15.6	15.6	13.0	9.1	12.6	69	48	43	53
	24.73	26.20	22.96	24.62	19.55	20.32	18.85	13.65	13.97	13.38	13.73	58.1	54.8	64.2	59.2

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

OCTOBER 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	1	1	0	0.7	0	2ne	1n	240.9	light	
2	4ci.str	3ci. cu	1str.cu	2.7	0	1se	2ne	258.0	,,	
3	1	1	2str	1.3	1	1ne	1ne	244.3	,,	
4	3str.cu	2str.cu	2str.	2.3	3s	4s	3s	319.5	mod.	
5	2	1	0	1.0	2w	4se	3n	531.6	rough	sirocco
6	1str.	0	0	0.3	3n	1ne	2n	467.7	mod.	
7	1	1	0	0.7	1n	3nw	4n	470.7	,,	
8	0	0	0	0.0	1nw	1nw	2n	182.1	,,	
9	1	0	1	0.7	0	1w	0	178.9	calm	
10	10ni	4str.cu	3str.cu	5.7	1se	3s	4s	212.3	slight	
11	2str.cu	1str.cu	0	1.0	1s	2s	0	171.1	light	
12	6str.cu	6str.ni	10ni	7.3	1s	3s	2s	291.9	mod.	tr.rn. sirocco
13	2	1	2str.	1.7	0	1w	0	162.7	light	sirocco
14	1	2ci	0	1.0	1e	2ne	0	181.8	,,	
15	1	1	1str.	1.0	0	1w	0	175.9	calm	
16	2str.cu	1	0	1.0	1ne	1e	0	152.3	light	
17	0	3str.cu	0	1.0	0	1w	0	85.6	calm	
18	8ni	6str.ni	0	4.7	3s	3	2s	145.0	slight	tr. rain
19	6str.ni	1	0	2.3	0	1nw	2n	128.9	mod.	
20	0	0	0	0.0	1ne	3n	2n	183.6	,,	
21	0	0	0	0.0	3n	3n	3n	540.7	slight	
22	0	0	0	0.0	1n	1	0	249.4	light	
23	0	1	0	0.3	0	1n	0	166.3	calm	
24	0	0	0	0.0	0	0	0	96.8	,,	
25	0	0	0	0.0	0	1n	3n	119.3	light	
26	1ci	2ci.	2ci	1.7	0	1nw	1ne	214.8	,,	
27	0	1	0	0.3	1s	1w	0	225.3	,,	
28	0	1	0	0.3	0	1nw	0	75.3	calm	
29	0	1	4ci	1.7	0	1nw	1ne	144.0	,,	lunar halo
30	4ci cu	2str.cu	0	2.0	1ne	1se	0	174.0	light	solar halo
31	2ci str.	4cistr.	3ci.cu	3.0	0	2w	0	72.9	,,	
				1.47				221.46		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	4	3	1	1	5	1	1	1	14
2:30	4	4	1	3	4	2	6	6	1
8.30	9	4	0	0	4	0	0	0	14
Totals	17	11	2	4	13	3	7	7	29

N. B. — Cloud numbers without letters are all cu..
Wind ,, ,, ,, ,, ,, SW